

IN THE CLAIMS:

Please amend the claims as follows:

1-11. (CANCELLED)

12. (Currently Amended) A method for ordering encoded pictures comprising a first and a second encoded picture, comprising:

forming at least a first transmission unit on the basis of the first encoded picture, and
forming at least a second transmission unit on the basis of the second encoded picture,
the first and second transmission units being units configured for network transmission
and being different from video coding units of the first and second encoded picture,

defining a first identifier of said first transmission unit and a second identifier of said
second transmission unit, the first and the second identifiers being indicative of the respective
decoding order of information included in the first transmission unit and information included in
the second transmission unit and the first and the second identifiers being different from the
video coding units of the first and the second encoded picture and from time stamps of the first
and the second encoded picture.

13. (Original) The method according to claim 12, **wherein** the identifier is defined as an integer
number.

14. (Original) The method according to claim 13, **wherein** a larger integer number with wrap
around indicates a later decoding order.

15. (Original) The method according to claim 12, **wherein** said first transmission unit includes a
first slice and said second transmission unit includes a second slice.

16. (Currently Amended) A device for ordering encoded pictures comprising a first and a second
encoded picture, the device comprising:

an arranger for forming at least a first transmission unit on the basis of the first encoded picture and at least a second transmission unit on the basis of the second encoded picture, the first and second transmission units being units configured for network transmission and being different from video coding units of the first and second encoded picture, and

a definer for defining a first identifier of said first transmission unit and a second identifier of said second transmission unit, the first and the second identifiers being indicative of the respective decoding order of information included in the first transmission unit and information included in the second transmission unit, and the first and the second identifiers being different from the video coding units of the first and the second encoded picture and from time stamps of the first and the second encoded picture.

17. (Original) The device according to claim 16, **wherein** it is a gateway device.

18. (Original) The device according to claim 16, **wherein** it is a mobile communication device.

19. (Original) The device according to claim 16, **wherein** it is a streaming server.

20. (Currently Amended) An encoder for encoding pictures and for ordering encoded pictures comprising a first and a second encoded picture, the encoder comprising:

an arranger for forming at least a first transmission unit on the basis of the first encoded picture and at least a second transmission unit on the basis of the second encoded picture, the first and second transmission units being units configured for network transmission and being different from video coding units of the first and second encoded picture, and

a definer for defining a first identifier of said first transmission unit and a second identifier of said second transmission unit, the first and the second identifiers being indicative of the respective decoding order of information included in the first transmission unit and information included in the second transmission unit, and the first and the second identifiers being different from the video coding units of the first and the second encoded picture and from time times of the first and the second encoded picture.

21. (Original) The device according to claim 20, **wherein** said arranger is arranged to include a first slice into said first transmission unit and a second slice into said second transmission unit.

22. (Currently Amended) A decoder for decoding encoded pictures for forming decoded pictures, the encoded pictures comprising a first and a second encoded picture transmitted in at least a first transmission unit formed on the basis of the first encoded picture and in at least a second transmission unit formed on the basis of the second encoded picture, the first and second transmission units being units configured for network transmission and being different from video coding units of the first and second encoded picture, **wherein** the decoder comprises a processor for determining the decoding order of information included in the first transmission unit and information included in the second transmission unit on the basis of a first identifier of said first transmission unit and a second identifier of said second transmission unit, and the first and the second identifiers being different from the video coding units of the first and the second encoded picture and from time stamps of the first and the second encoded picture.

23. (Currently Amended) A system comprising:

an encoder for encoding pictures and for ordering encoded pictures comprising a first and a second encoded picture, the encoder comprising an arranger for forming at least a first transmission unit on the basis of the first encoded picture and at least a second transmission unit on the basis of the second encoded picture, the first and second transmission units being units configured for network transmission and being different from video coding units of the first and second encoded picture, and

a decoder for decoding the encoded pictures,

wherein the system further comprises:

in the encoder a definer for defining a first identifier of said first transmission unit and a second identifier of said second transmission unit, the first and the second identifiers being indicative of the respective decoding order of information included in the first transmission unit and information included in the second transmission unit, and the first and the second identifiers being different from the video coding units of the first and the second encoded picture and from time stamps of the first and the second encoded picture, and

a processor in the decoder for determining the decoding order of information included in the first transmission unit and information included in the second transmission unit on the basis of said first identifier and said second identifier.

24. (Currently Amended) A computer readable medium encoded with computer executable instructions for performing a method for ordering encoded pictures comprising a first and a second encoded picture, for forming at least a first transmission unit on the basis of the first encoded picture, and at least a second transmission unit on the basis of the second encoded picture, the first and second transmission units being units configured for network transmission and being different from video coding units of the first and second encoded picture, **wherein** the computer program further comprises computer executable instructions for defining a first identifier of said first transmission unit and a second identifier of said second transmission unit, the first and the second identifiers being indicative of the respective decoding order of information included in the first transmission unit and information included in the second transmission unit, and the first and the second identifiers being different from the video coding units of the first and the second encoded picture and from time stamps of the first and the second encoded picture.

25. (Currently Amended) A computer readable medium encoded with computer executable instructions for performing a method for ordering encoded pictures comprising a first and a second encoded picture, for forming at least a first transmission unit on the basis of the first encoded picture, and at least a second transmission unit on the basis of the second encoded picture, the first and second transmission units being units configured for network transmission and being different from video coding units of the first and second encoded picture, **wherein** the computer program further comprising computer executable instructions for defining a first identifier of said first transmission unit and a second identifier of said second transmission unit, the first and the second identifiers being indicative of the respective decoding order of information included in the first transmission unit and information included in the second transmission unit, and the first and the second identifiers being different from the video coding

units of the first and the second encoded picture and from time stamps of the first and the second encoded picture.

26. (CANCELLED)

27. (Currently Amended) A module for ordering encoded pictures for transmission, the encoded pictures comprising a first and a second encoded picture, the module comprising:

an arranger for forming at least a first transmission unit on the basis of the first encoded picture and at least a second transmission unit on the basis of the second encoded picture, the first and second transmission units being units configured for network transmission and being different from video coding units of the first and second encoded picture, and

a definer for defining a first identifier of said first transmission unit and a second identifier of said second transmission unit, the first and the second identifiers being indicative of the respective decoding order of information included in the first transmission unit and information included in the second transmission unit, and the first and the second identifiers being different from the video coding units of the first and the second encoded picture and from time stamps of the first and the second encoded picture.

28. (Currently Amended) A module for reordering encoded pictures for decoding, the encoded pictures comprising a first and a second encoded picture transmitted in at least a first transmission unit formed on the basis of the first encoded picture and in at least a second transmission unit formed on the basis of the second encoded picture, the first and second transmission units being units configured for network transmission and being different from video coding units of the first and second encoded picture, **wherein** the module comprises a processor for determining the decoding order of information included in the first transmission unit and information included in the second transmission unit on the basis of a first identifier of said first transmission unit and a second identifier of said second transmission unit, and the first and second identifiers being different from the video coding units of the first and the second encoded picture and from time stamps of the first and the second encoded picture.

29. (Previously Presented) The module according to claim 27, wherein said arranger is configured to include a first slice into said first transmission unit and a second slice into said second transmission unit.

30. (Currently Amended) A method for ordering encoded pictures comprising a first and a second encoded picture, comprising:

forming at least a first transmission unit encapsulating information of the first encoded picture, and

forming at least a second transmission unit encapsulating information of the second encoded picture,

the first and second transmission units being configured for network transmission and being different from video coding units of the first and second encoded picture,

defining a first identifier in said first transmission unit and a second identifier in said second transmission unit, the first and the second identifiers being indicative of the respective decoding order of information included in the first transmission unit and information included in the second transmission unit, and

the first and the second identifiers being different from the video coding units of the first and the second encoded picture and from time stamps of the first and the second encoded picture.